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PTO/SB/21 (08-03)  
Approved for use through 08/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/687,486	
	Filing Date	October 17, 2003	
	First Named Inventor	Jock D. MACKINLAY et al.	
	Art Unit	2173	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission	7p+12 refs	Attorney Docket Number	D/A3239-311294

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Christian Austin-Hollands (Reg. No. 46,527) Customer No. 31011
Signature	
Date	June 4, 2004

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
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PTO/SB/08A (04-03)

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

Sheet	1	of	2
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**Complete if Known**

Application Number	10/687,486
Filing Date	October 17, 2003
First Named Inventor	Jock D. MACKINLAY et al.
Art Unit	2173
Examiner Name	UNKNOWN
Attorney Docket Number	D/A3239-311294

[illegible][illegible]

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/687,486
		Filing Date	October 17, 2003
		First Named Inventor	Jock D. MACKINALY et al.
		Art Unit	2173
		Examiner Name	UNKNOWN
Sheet 2 of 2	Attorney Docket Number	D/A3239-311294	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Applied Science Laboratories Model 501 and Model 504 Eye Tracking System Product Specifications, printed 9/24/2003	
		Chang, B. W. et al., "Animation: From Cartoon to the User Interface", in Proceedings of the Sixth Annual Symposium on User Interface Software and Technology, Atlanta, GA, p. 45-55, 1993.	
		Czerwinski, M. et al., "Women Take a Wider View", Proceedings of the SIGCHI Conference on Human Factors in Computing Systems: changing our Wworld, changing ourselves", April 2002.	
		Gaver, W. et al., "Effective Sounds in Complex Systems: The Arkola Simulation", in Proceedings of the SIGCHI Conference on Human Factors in Computing Systems: Reaching through Technology, March 1991.	
		Henderson, D. et al., "Rooms: The Use of Multiple Virtual Workspaces to Reduce Space Contention in a Window-Based Graphical User Interface", ACM Transactions on Graphics (TOG) July 1986.	
		Igarashi, T. et al., "Fluid Visualization of Spreadsheet Structures", IEEE Symposium on Visual Languages, p. 118-125, Halifax, Nova Scotia, Canada, September 1998.	
		Panko, R., "What We Know About Spreadsheet Errors", Journal of End User Computing's Special Issue on Scaling Up End User's Development, p. 15-21, vol. 10, no. 2. Spring 1998.	
		Tan, D. et al., "Effects of Visual Separation and Physical Discontinuities when Distributing Information Across Multiple Displays", In M. Rauterberg et al. (Eds.), Human-Computer Interaction—INTERACT '03, IOS Press, 252-255. Copyright IFIP, 2003.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 10/687,486  
Applicants : Jock D. MACKINLAY et al.  
Filed : October 17, 2003  
TC/A.U. : 2173  
Examiner : NOT YET AVAILABLE  
Docket No. : D/A3239-311294  
Customer No. : 31011

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) and information listed on the attached PTO-1449 Form. One legible copy of each is attached to the PTO-1449 Form. It is respectfully submitted that the references and information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of the above application (which is not a CPA), OR (b) before the mailing date of a first Office Action on the merits. No certification or fee is required.

☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the date of the first Office Action on the merits, but before the mailing date of a Final Rejection, Notice of Allowance, or other action that closes prosecution. Please debit Xerox Corporation Deposit Account 24-0037 in the amount of \$180.00 in payment of the fee under 37 C.F.R. 1.17(p). (A copy of this letter is attached.)

☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance; AND

☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(1); OR

☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c), more than three months prior to the filing of this Information Disclosure Statement 37 C.F.R. 1.97(e)(2).

☐ 4. This Information Disclosure Statement is being filed after the mailing date of a Final Rejection or Notice of Allowance, but before the payment of the Issue Fee. Please debit Xerox Corporation Deposit Account 24-0037 in the amount of \$180.00 in payment of the fee under 37 C.F.R. 1.17(p). (A copy of this letter is attached.) AND

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☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c), more than three months prior to the filing of this Information Disclosure Statement 37 C.F.R. 1.97(e)(2).

☐ 5. Per 37 C.F.R. 1.98(a)(3), a concise explanation of the relevance of each of any submitted item that was not in the English language is either enclosed herewith, or incorporated in the application specification.

☐ 6. A copy of an English language version of an above-referenced counterpart foreign application search report is attached.

☐ 7. Copies of some or all of the subject references were cited by, or submitted to the Office in related parent Application No. \_\_\_\_\_, filed \_\_\_\_\_, which is relied upon under 35 U.S.C. § 120. Thus, copies of these references are not attached (except for copies of cited pending applications). 37 C.F.R. §1.98(d).

☐ 8. A copy of each copending application recited in the parent

application of paragraph 7 above, and/or a copy of other related copending applications, is enclosed.

Respectfully submitted,



Christian Austin-Hollands

Registration No. 46,527

Date: June 4, 2004

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